

radiation into a second one of the at least two input ends, producing at each of the at least two output ends both the first radiation and the second radiation so as to illuminate the specimen supported upon the stage.

26. **(Withdrawn)** The apparatus according to claim 24 further comprising: a circuit means for adjusting a balance between the first control circuit and the second control circuit so that induced fluorescent emissions of the first color from the specimen are commensurate in viewed intensity with induced fluorescent emissions of the second color from the specimen.

27. **( Cancel)** ~~[A fiber optic cable having first ends and second ends comprising:]~~

The apparatus according to claim 1 further comprising:  
a third and a fourth multiplicity of fiber optic strands interspersed with the first and second multiplicity of fiber optic strands within the multiple-end fiber optic cable;

wherein the third multiplicity of fiber optic strands receive the first radiation at the first one of the at least two input ends;

wherein the fourth multiplicity of fiber optic strands receive the second radiation at the second one of the at least two input ends;

wherein the first and the third multiplicity of fiber optic strands all terminate at their opposite end in a same first one of two radiation-emitting, or output, second ends to the fiber optic cable; and

wherein the second and the fourth multiplicity of fiber optic strands all terminate at their opposite end in a same second one of two radiation-emitting, or output, second ends to the fiber optic cable.

Appl. No. 10/788,724

Amdt. Dated May 21, 2007

Reply to Office action of Fed. 26, 2007

#### REMARKS/ARGUMENTS

In the specification, the paragraphs [0102] and [0104] have been amended to reference part 11b6 in drawing.

Claims 1, 3-11, 12-18 and 19-27 remain in this application. Claims 2, 19 and 27 have been canceled.

The examiner has acknowledged that claims 1, 11, 18 and 21 are directed to allowable subject matter. Claim 3-10, 12-17, 20, 22-26 have been withdrawn as the result of an earlier restriction requirement. They were withdrawn over the objection of the applicant and the applicant at this time is requesting they be included.

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Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

By 

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